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MAR 16 2005

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FACSIMILE COVER SHEET

DATE: MARCH 16, 2005NUMBER OF PAGES (INCLUDING
THIS TRANSMITTAL COVER SHEET): 11

YOUR REFERENCE: 09/681,844

OUR REFERENCE: 212311

TO: United States Patent and Trademark Office, Patent Technology Center 2100

FACSIMILE NUMBER: (703) 872-9306

FROM: RICHARD P. DODSON

DIRECT LINE: (206) 521-5987

In re Application of:

VETRIVELKUMARAN et al.

Art Unit: 2153

Application No. 09/681,844

Examiner: Barqadle, Yasin M

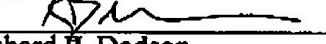
Filed: June 15, 2001

For: APPLICATION PROGRAM CACHING

CERTIFICATE OF TRANSMISSION

I hereby certify that this Transmittal and Amendment D, along with a Facsimile Cover Sheet, are being transmitted by facsimile to the United States Patent and Trademark Office in accordance with 37 C.F.R. 1.6(d) on the date shown below:

Date: March 16, 2005


Richard P. Dodson

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FORM PTO-1083

PATENT
 Attorney Docket No. 212311
 Client Reference No. MS 154795.02
 Date: March 16, 2005

In re Application of: VETRIVELKUMARAN et al.
 Application No. 09/681,844
 Filed: June 15, 2001
 For: APPLICATION PROGRAM CACHING

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Mail Stop Non-Fee Amendment
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

MAR 16 2005

Sir:

Transmitted herewith is an amendment in the subject application.

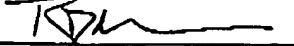
- Applicants claim small entity status of this application under 37 CFR 1.27.
- Petition for Extension of Time
 - Applicants petition for a one-month extension of time under 37 CFR 1.136, the fee for which is \$110.00 (enclosed).
 - Applicants believe that no petition for an extension of time is necessary. However, to the extent that such petition is deemed necessary, Applicants hereby petition for a sufficient extension of time to render the present submission timely. Please charge Deposit Account No. 12-1216 for the appropriate petition fee.
- No additional claim fee is required.
- Other:

The claim fee has been calculated as shown below:

						SMALL ENTITY		OTHER THAN A SMALL ENTITY	
		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	EXTRA CLAIMS PRESENT	RATE	ADDT. CLAIM FEE	RATE	ADDT. CLAIM FEE	
TOTAL	19	MINUS	54	=0	x 25=	\$	x 50=	\$0.00	
INDEPENDENT	3	MINUS	7	=0	x 100=	\$	x 200=	\$0.00	
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE CLAIM					+ 180=	\$	+ 360=	\$0.00	
					TOTAL	\$	TOTAL	\$0.00	

- Please charge my Deposit Account No. 12-1216 in the amount of \$0.00. A duplicate copy of this sheet is attached.
- A check in the amount of \$ is attached.
- The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-1216. A duplicate copy of this sheet is attached.
 - Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
 - Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,
 LEYDIG, VOIT & MAYER, LTD.

By 
 Richard P. Dodson, Reg. No. 52,824

Leydig, Voit & Mayer, Ltd.
 1420 Fifth Avenue, Suite 2200
 Seattle, Washington 98101
 (206) 521-5985 (telephone)
 (206) 224-3557 (facsimile)

FORM PTO-1083

PATENT

Attorney Docket No. 212311
 Client Reference No. MS 154795.02
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In re Application of: VETRIVELKUMARAN et al.
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RESPONSE UNDER 37 C.F.R. § 1.116
EXPEDITED PROCEDURE
EXAMINING GROUP 2153 MAR 16 2005

PATENT
Attorney Docket No. 212311
Client Reference No. 154795.02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

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Application No. 09/681,844

Art Unit: 2153

Filed: June 15, 2001

Examiner: Barqadle, Yasin M

For: APPLICATION PROGRAM CACHING

AMENDMENT D

Commissioner for Patents

Alexandria, VA 22313

Dear Sir:

In response to the Office action mailed January 26, 2005, please enter the following amendments and consider the following remarks.